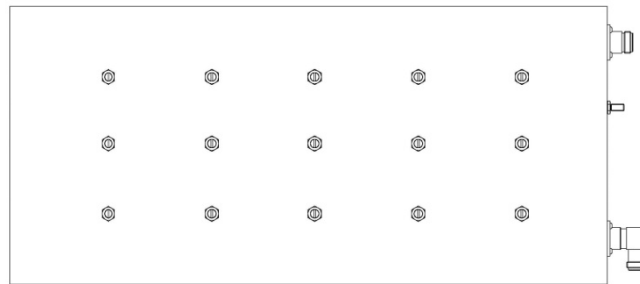


Duplexer

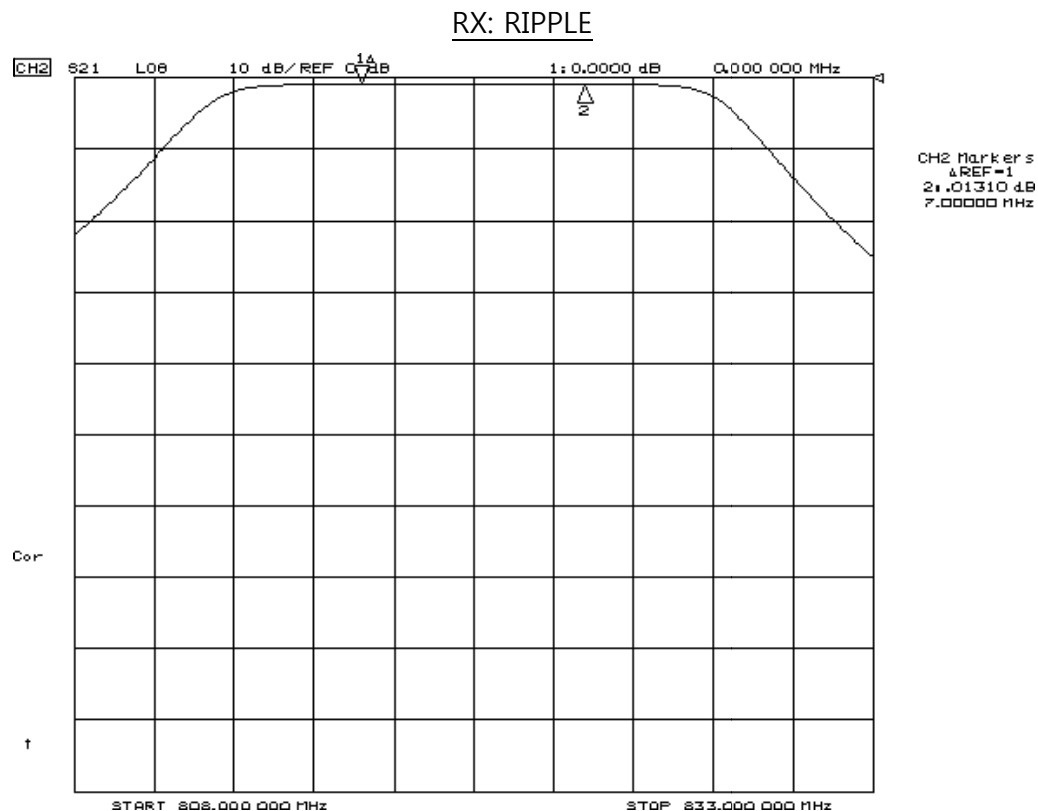
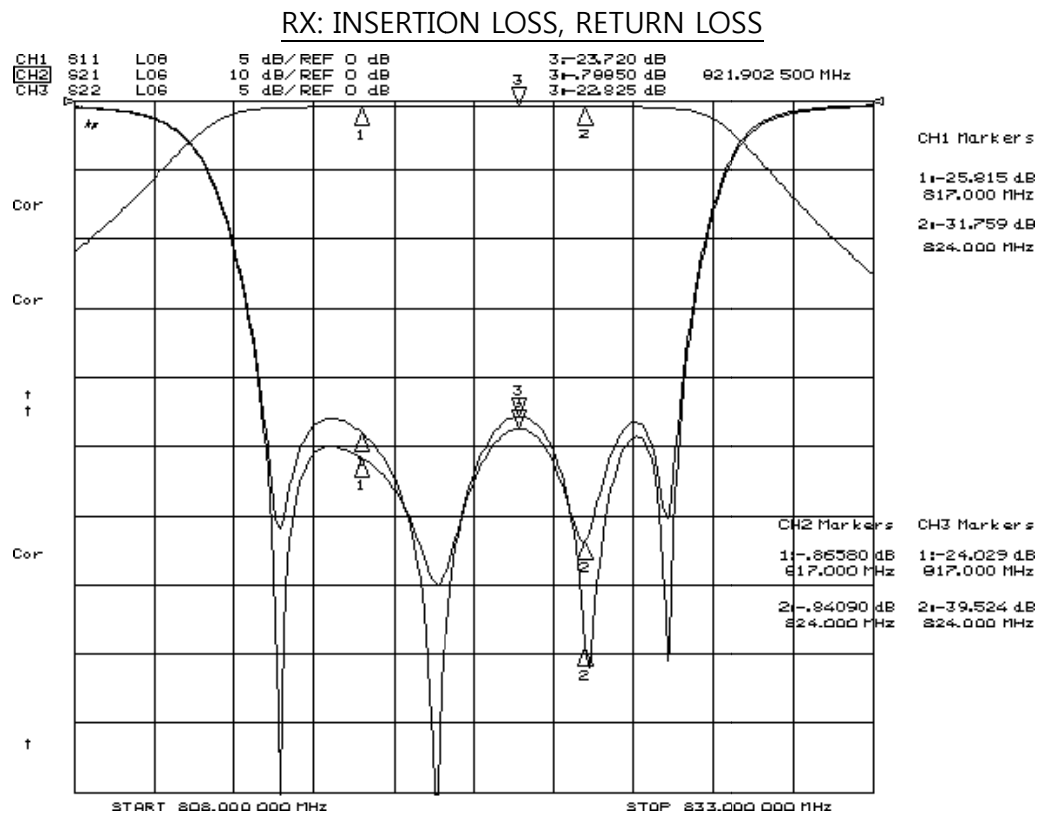


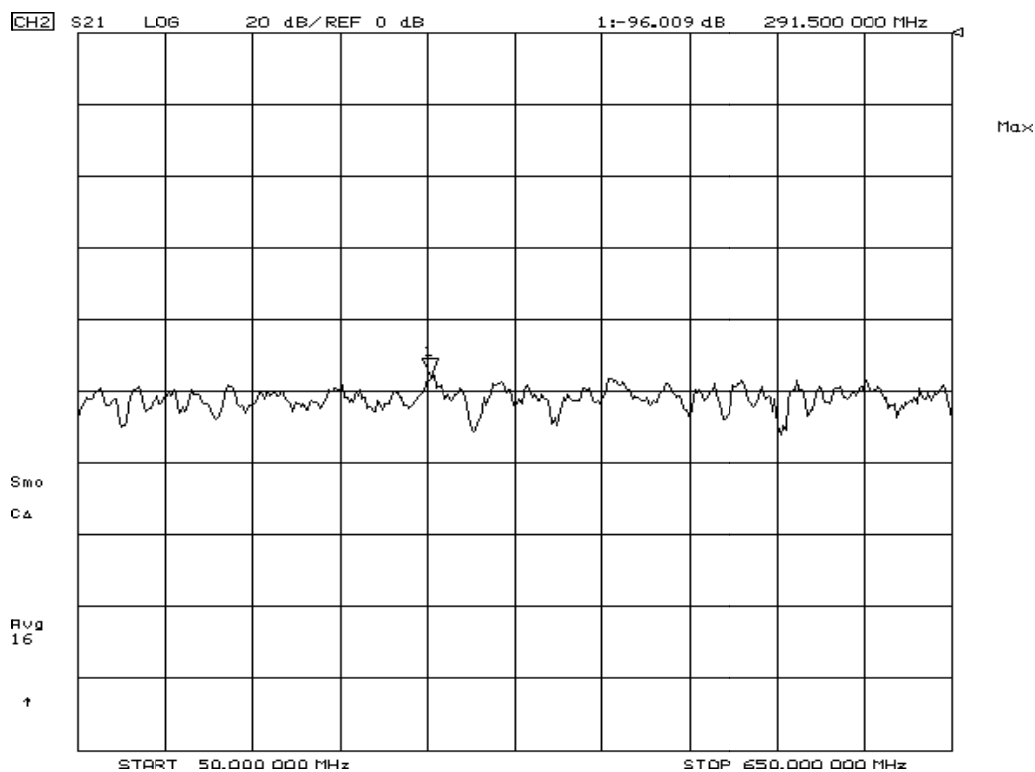
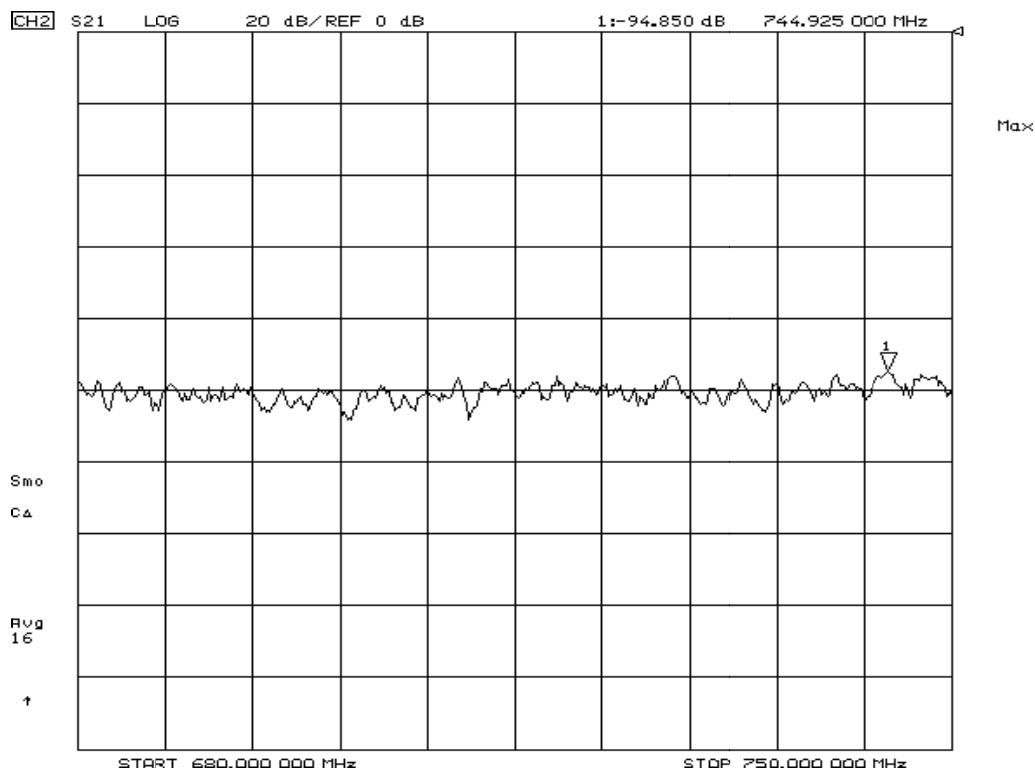
- KJ Comtech Code: FT00217-6/1
- SMA Type Female, N Type Female

1. Electrical & Mechanical Specification

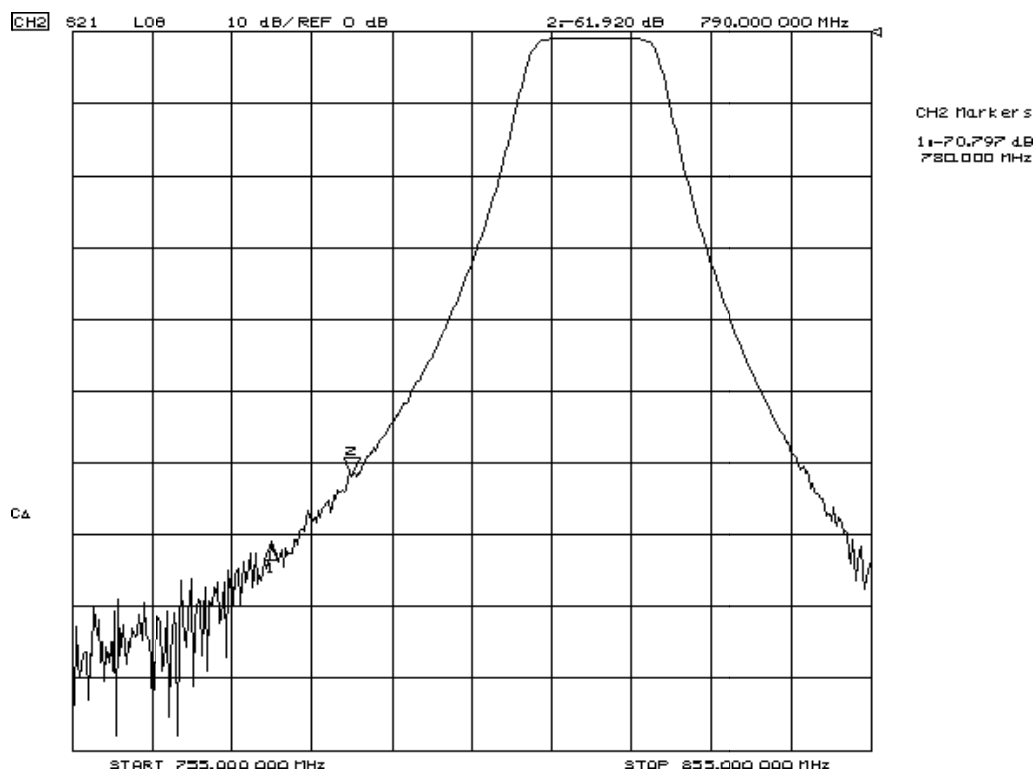
Electrical Specifications		
Connector	SMA Type (F), N Type (F)	
Frequency Range	RX 862~869MHz (BW: 7MHz)	TX 817~824MHz (BW: 7MHz)
Insertion Loss	≤1.6dB	≤1dB
Ripple	≤0.5dB	≤0.5dB
	≤0.75dB 862~863MHz	
Return Loss	≥14dB	
Rejection	≥80dB DC~806MHz ≥70dB 806~824MHz ≥50dB 824~861.35MHz ≥30dB @861.5MHz ≥10dB @861.65MHz ≥70dB 920~2700MHz	≥80dB DC~650MHz ≥70dB 650~680MHz ≥50dB 680~750MHz ≥30dB 780~7905MHz ≥10dB 862~869MHz ≥70dB 869~2700MHz
Power Handling	100W Average, Peak 11KW	
Impedance	50Ω	
Mechanical Specifications		
Dimensions (mm)	431.8 x 200.66 x 101.6	
Weight	≤10Kg	
Operating Temperature	32°F ~ 120°F	
Connector Finish	Tri-plate	
Housing Finish	Black Coating	

2. RF Measurement Data

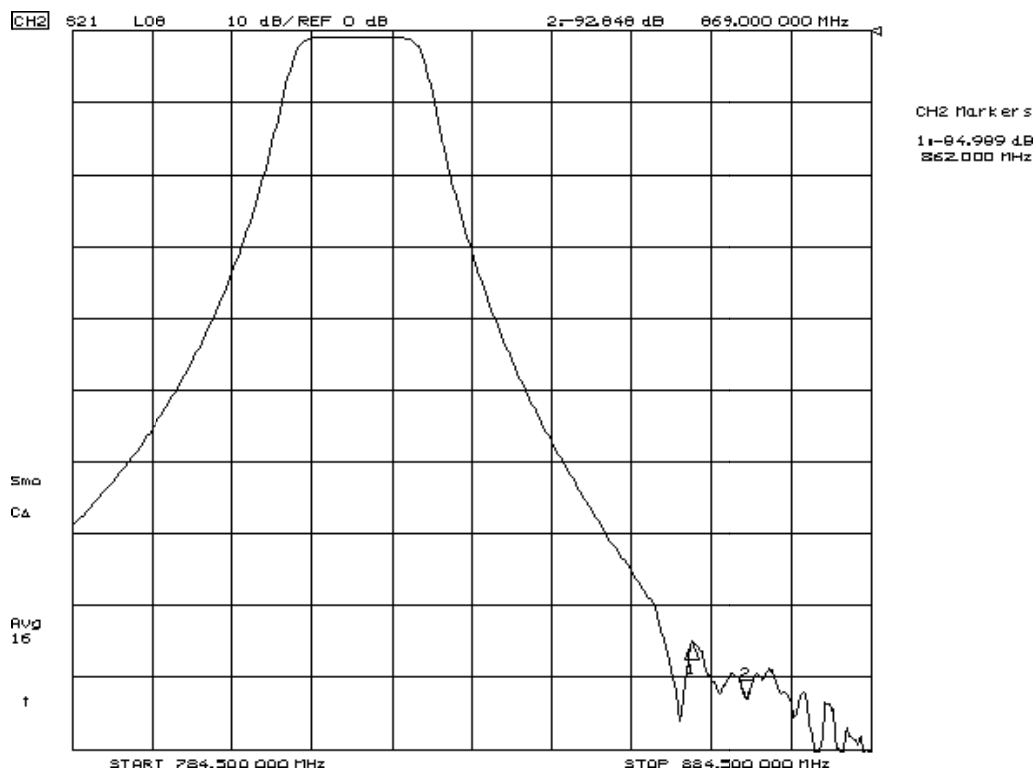


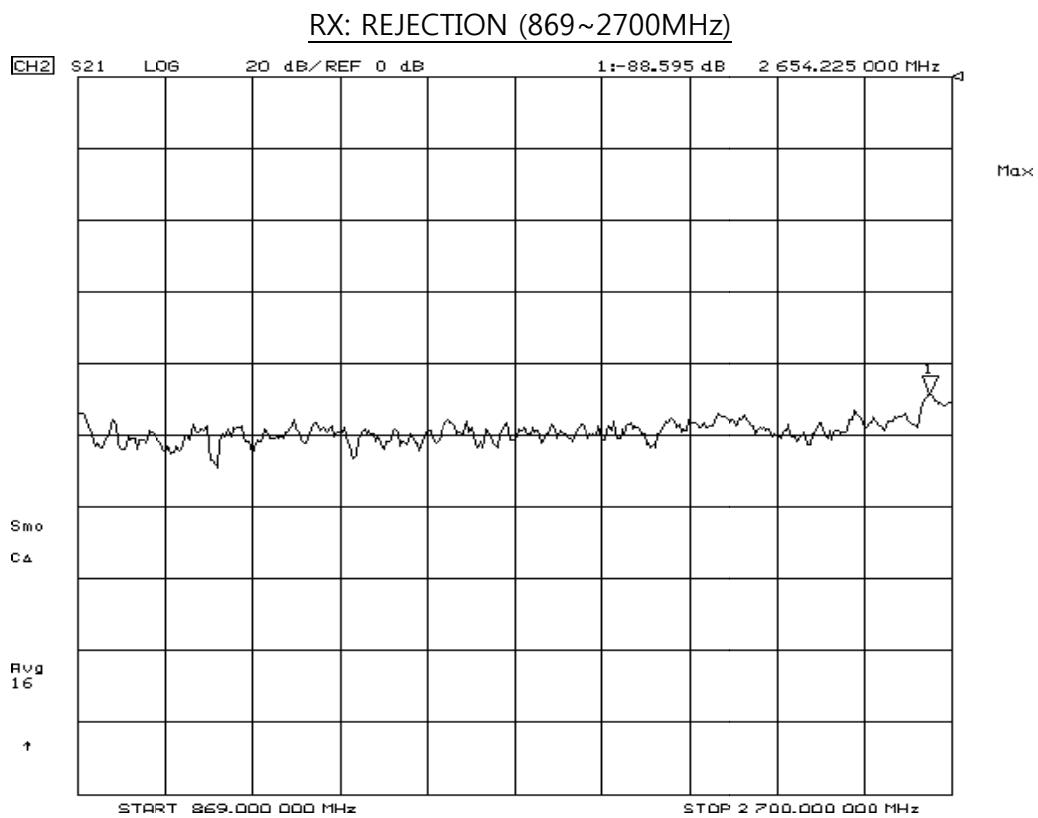
RX: REJECTION (DC~650MHz)RX: REJECTION (680~750MHz)

RX: REJECTION (780~790MHz)

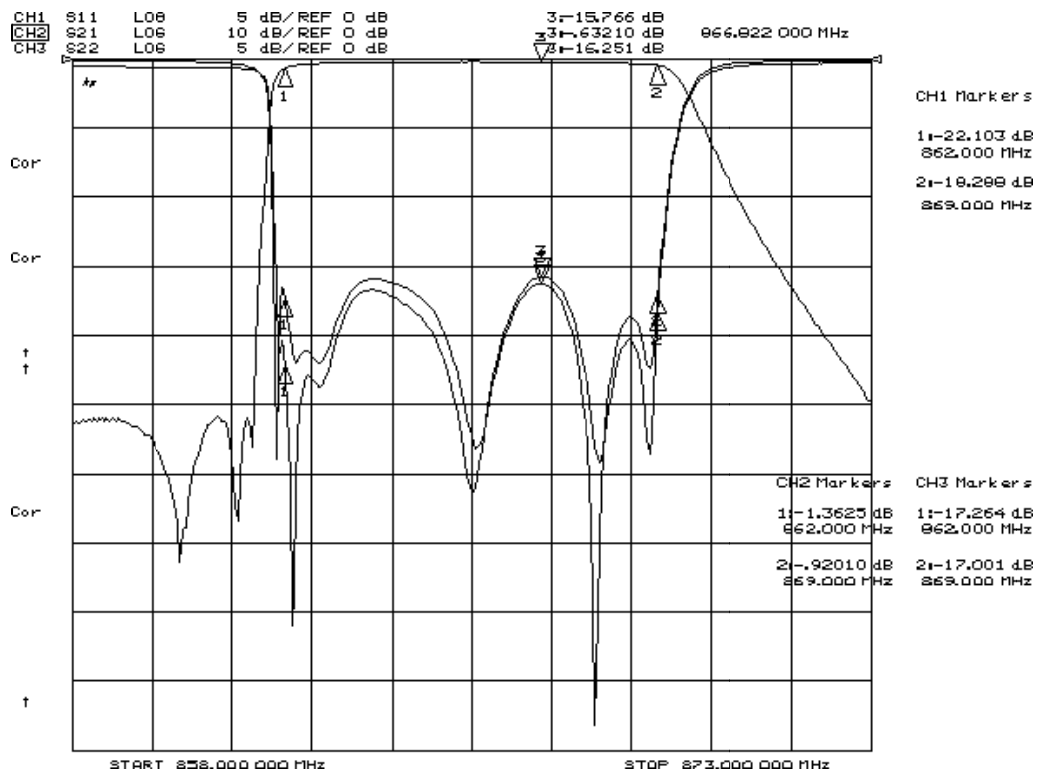


RX: REJECTION (862~869MHz)

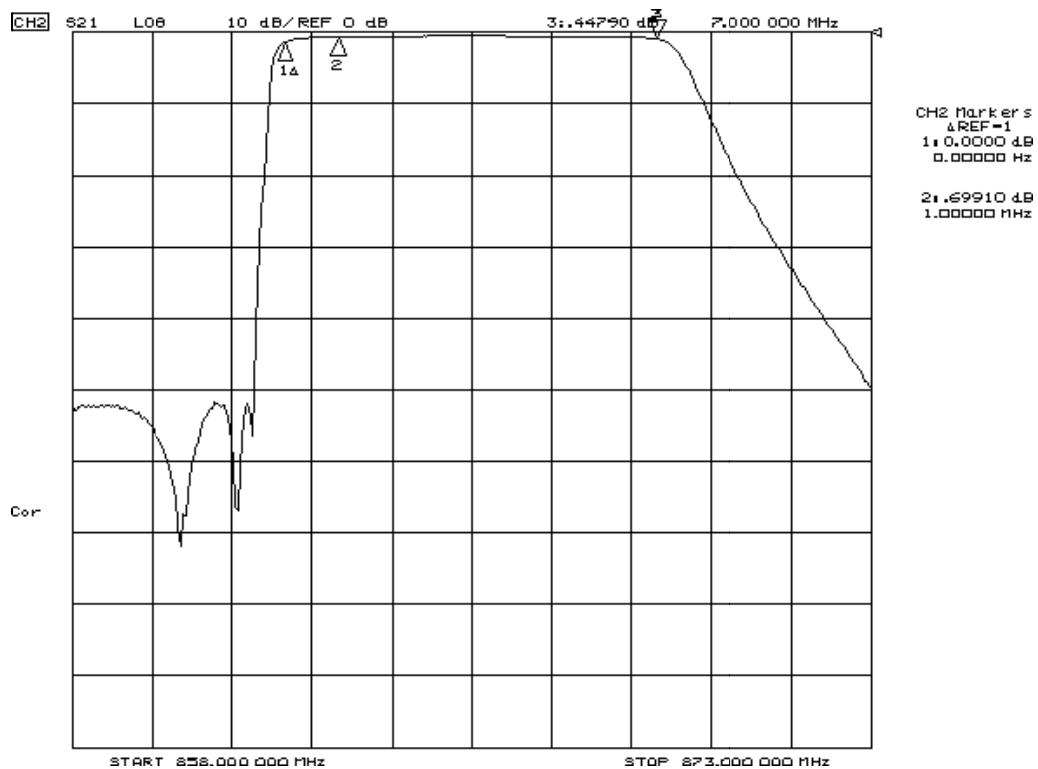




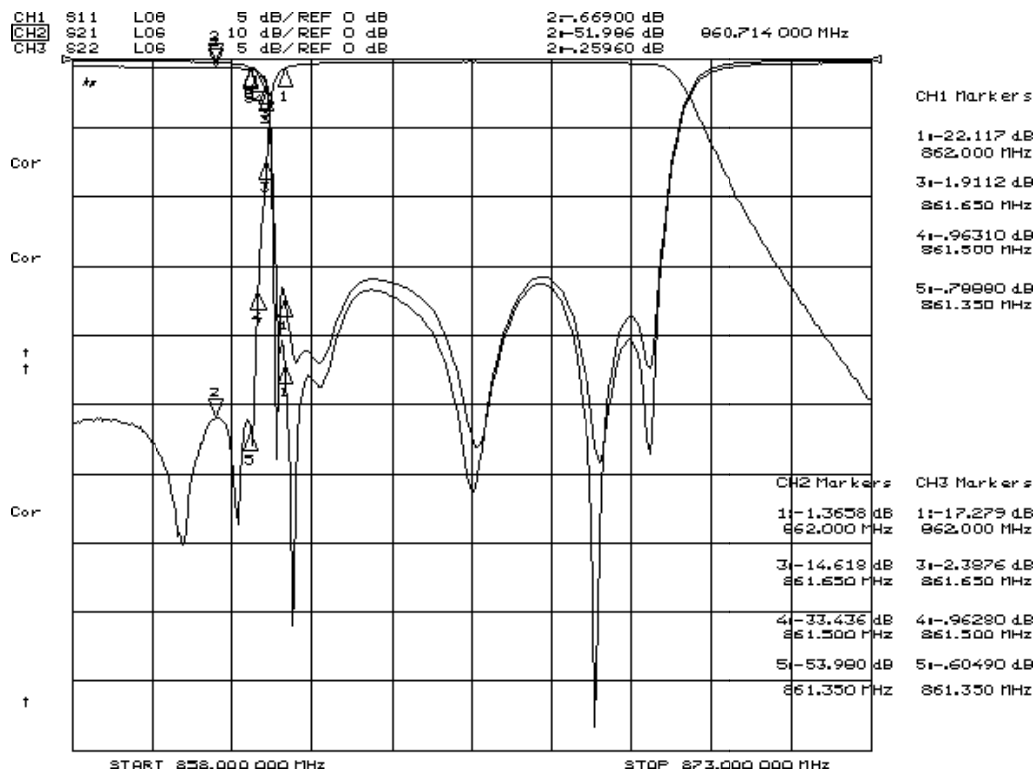
TX: INSERTION LOSS, RETURN LOSS



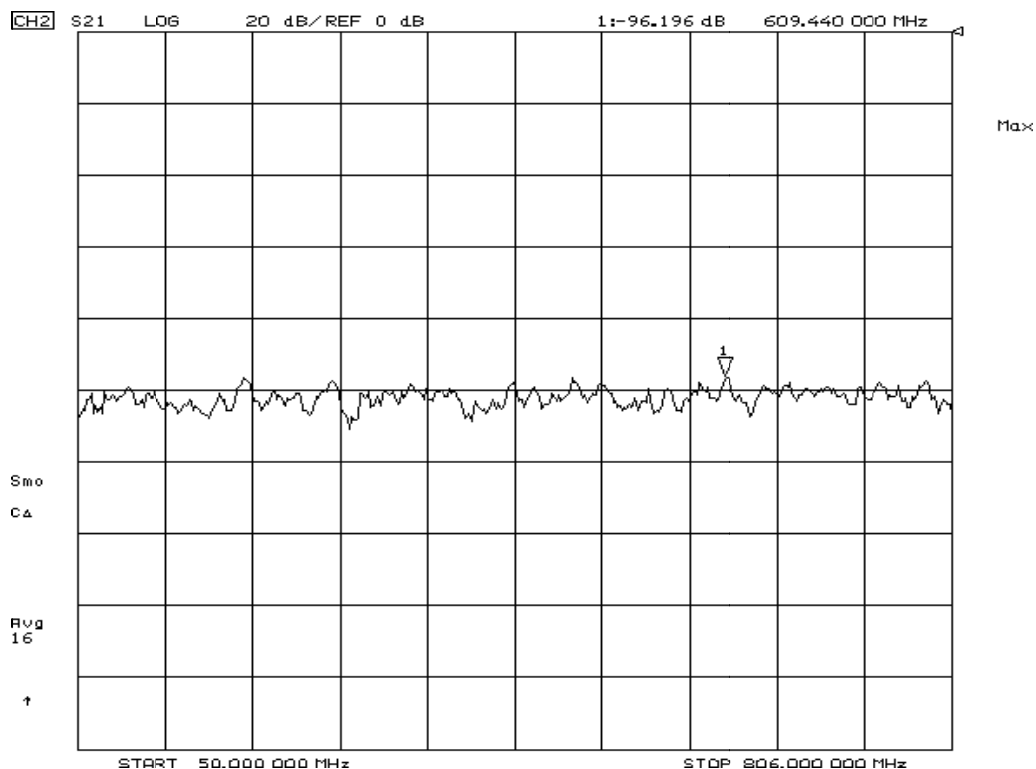
TX: RIPPLE



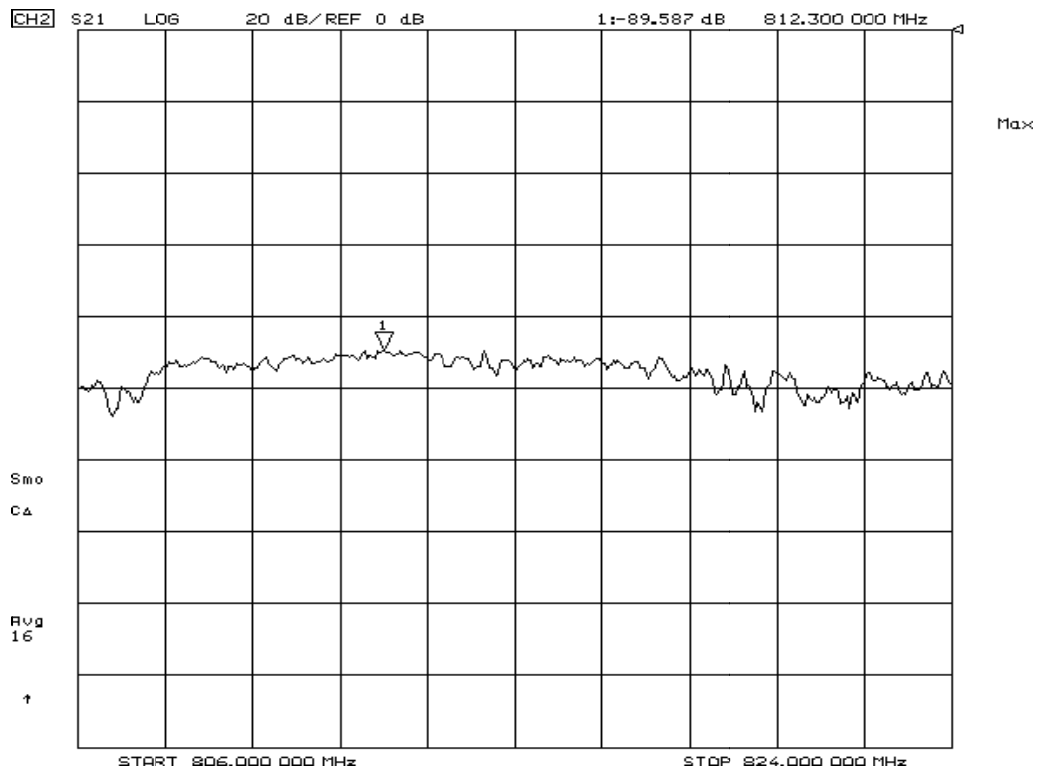
TX: REJECTION (@861.65MHz / @861.5MHz / @861.35MHz)



TX: REJECTION (DC~806MHz)



TX: REJECTION (806~824MHz)



TX: REJECTION (920~2700MHz)

